77-5 GW 4/18/01

Docket No.:

P-173

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

OFFICIAL DRAFTSMAN

Seung Wook JUN

Group Art Unit: 2633

RECEIVED

Serial No.: 09/749,417

Confirm. No.: 5677

APR 1 8 2001

Filed:

December 28, 2000

Technology Center 2600

For:

METHOD FOR CONTROLLING PATH IN OPTICAL TRANSMISSION

SYSTEM

LETTER SUBMITTING FORMAL DRAWINGS

Assistant Commissioner for Patents Washington, D. C. 20231

Sir:

Submitted herewith are fourteen (14) sheets of formal drawings (Figures 1-9) in connection with the above-identified application.

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Chantilly, VA 20153-1200

703 502-9440 DKY:tmd

Date: April 17, 2001

Respectfully submitted, FLESHNER & KIM, LLP

Dahiel Y.J. Kim Registration No. 30,186

FIG. 1
BACKGROUND ART

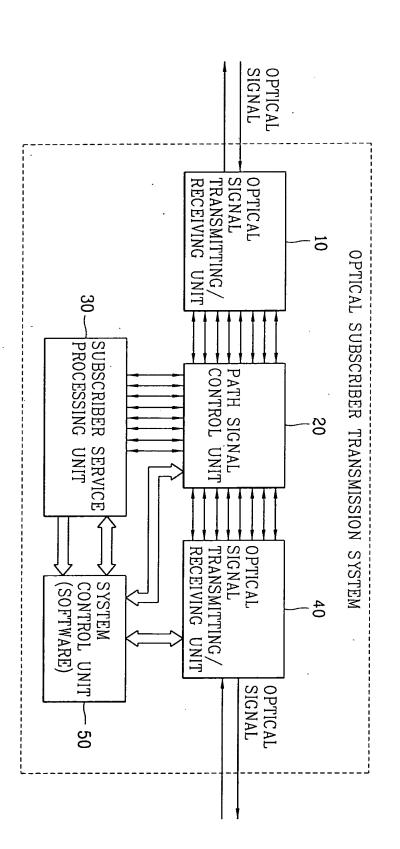
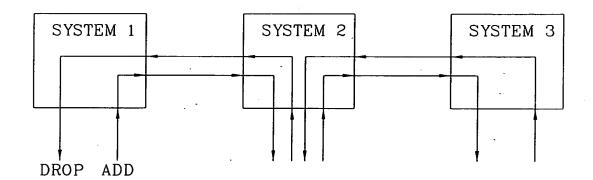
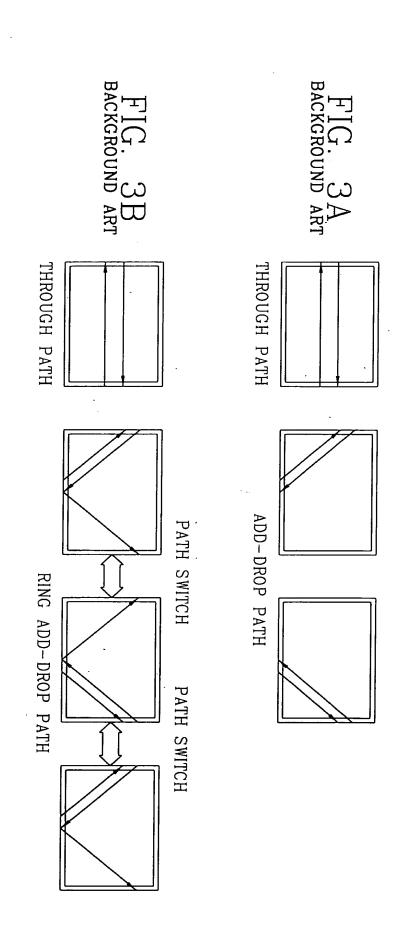


FIG. 2 BACKGROUND ART





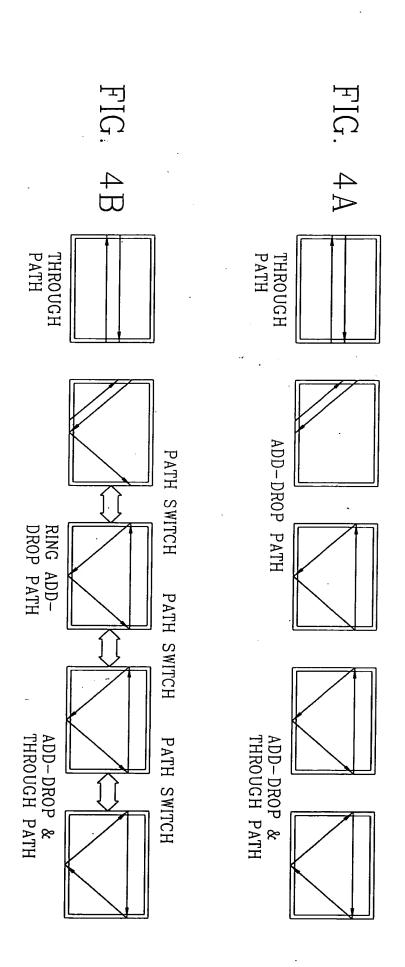
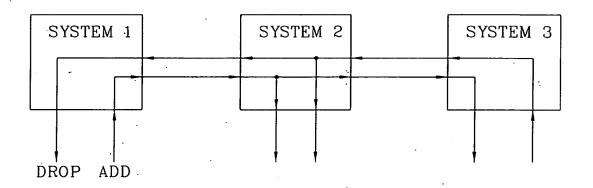


FIG. 5



LSB(0) MSB(7)

 0000: No Request 0001: Reverse Request(Switch) 0010: Reverse Request(Round) 0011: reserved 0100: reserved 0110: Manual Switch(Switch) 0111: reserved 1000: reserved 1001: reserved 1010: reserved 1011: Signal Fail(Switch) 1100: Signal Fail(Round) 1101: reserved 1101: reserved 1101: reserved 1101: reserved 	Request: B1[7:4]	MSB(7)
•0x00-0x0F	Destination ID: B1[3:0]	LSB(0)
O000: Idle O001: Switch O010: Round O011: reserved O100: reserved O101: reserved O110: Manual Switch O111: reserved I000: reserved I001: reserved I001: RDI(Remote Defection) I101: reserved I101: reserved I101: reserved	Status: B2[7:5]	MSB(7)
• 0x00-0x0F tch Defect Indication)(Line/Path) ail)(Line/Path)	Destination ID: B1[3:0	LSB(0)

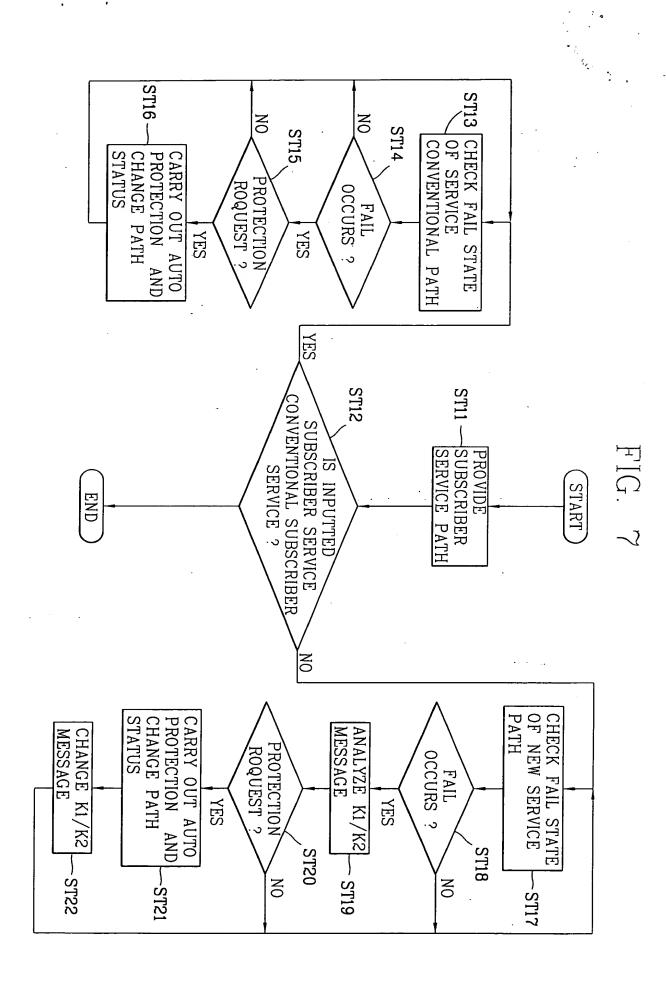
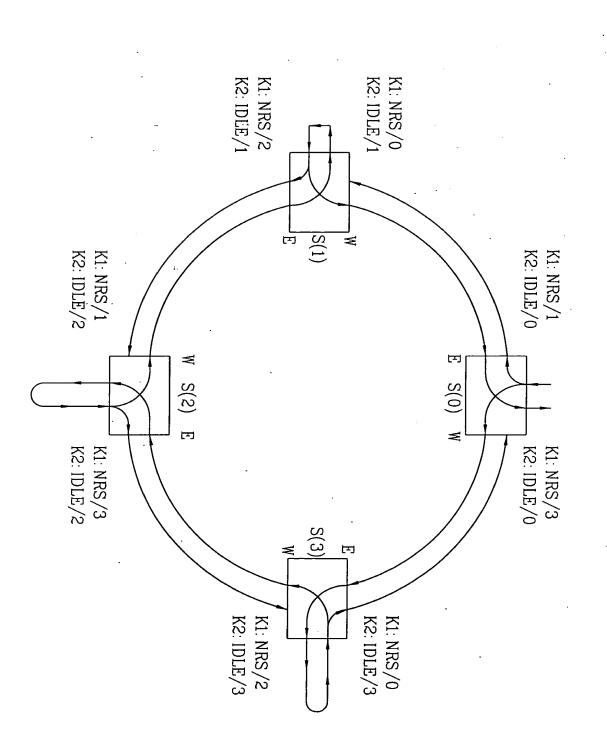


FIG. 8A



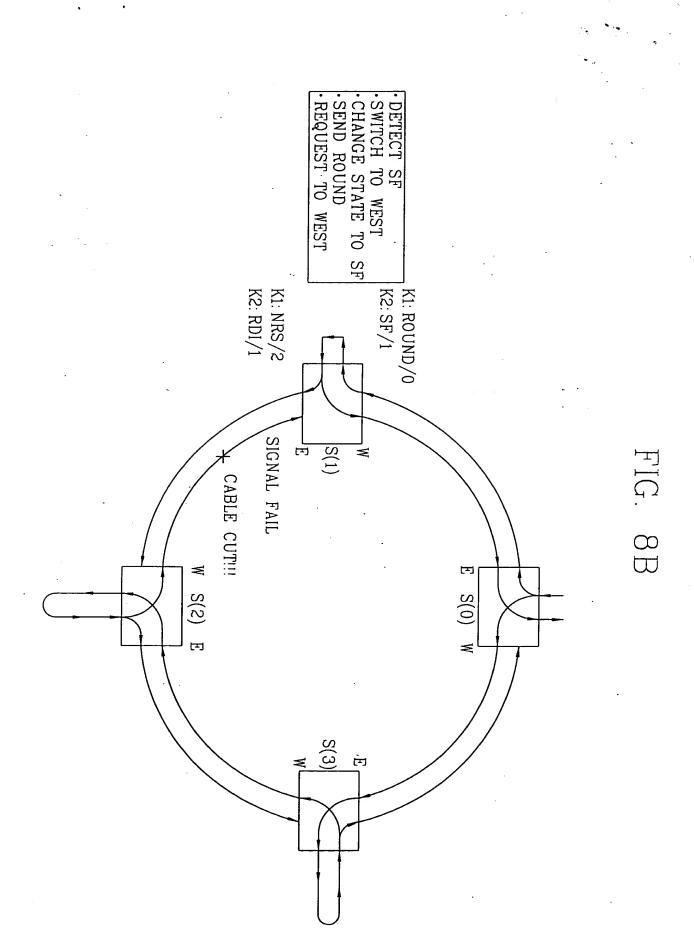


FIG. 8C

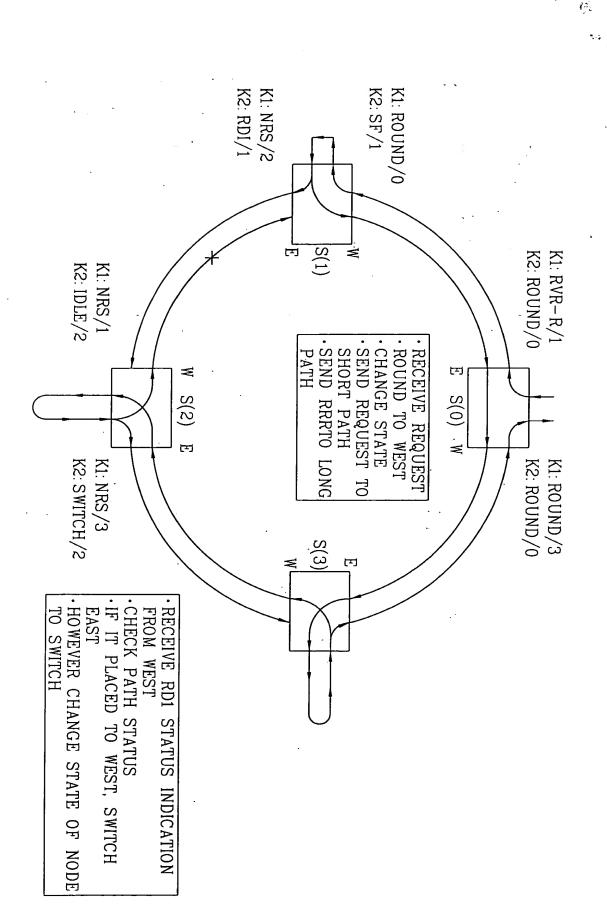


FIG. 8D

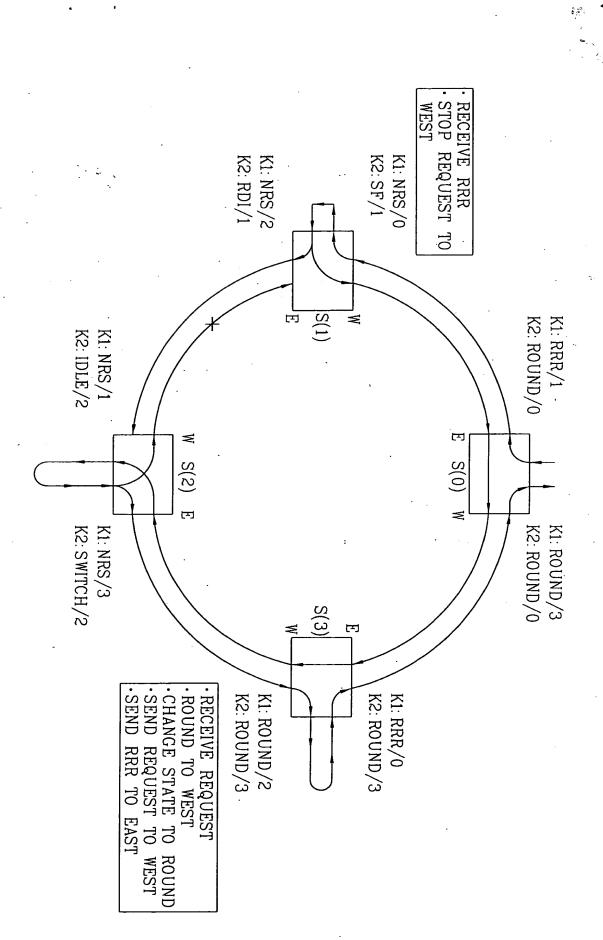
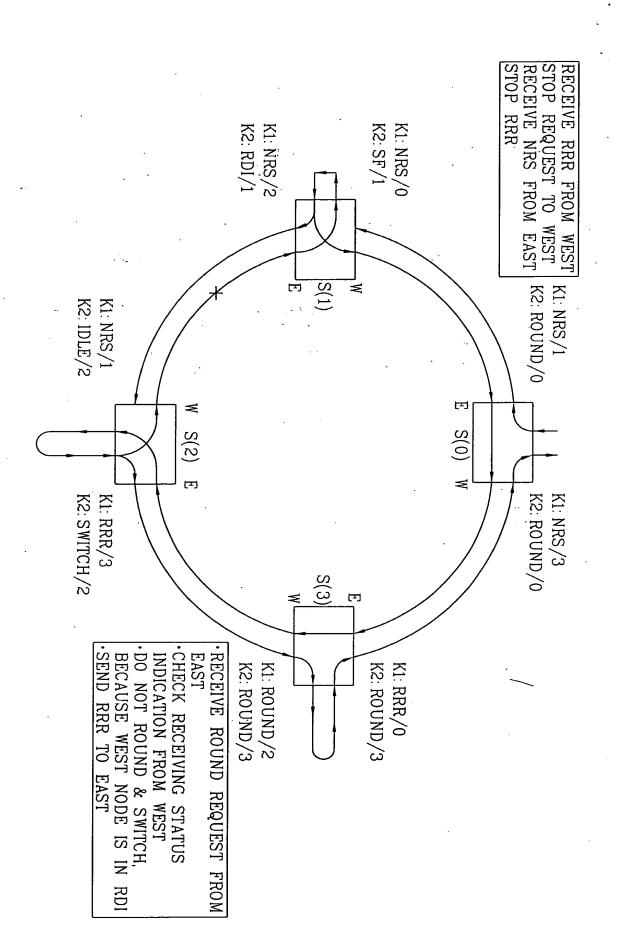
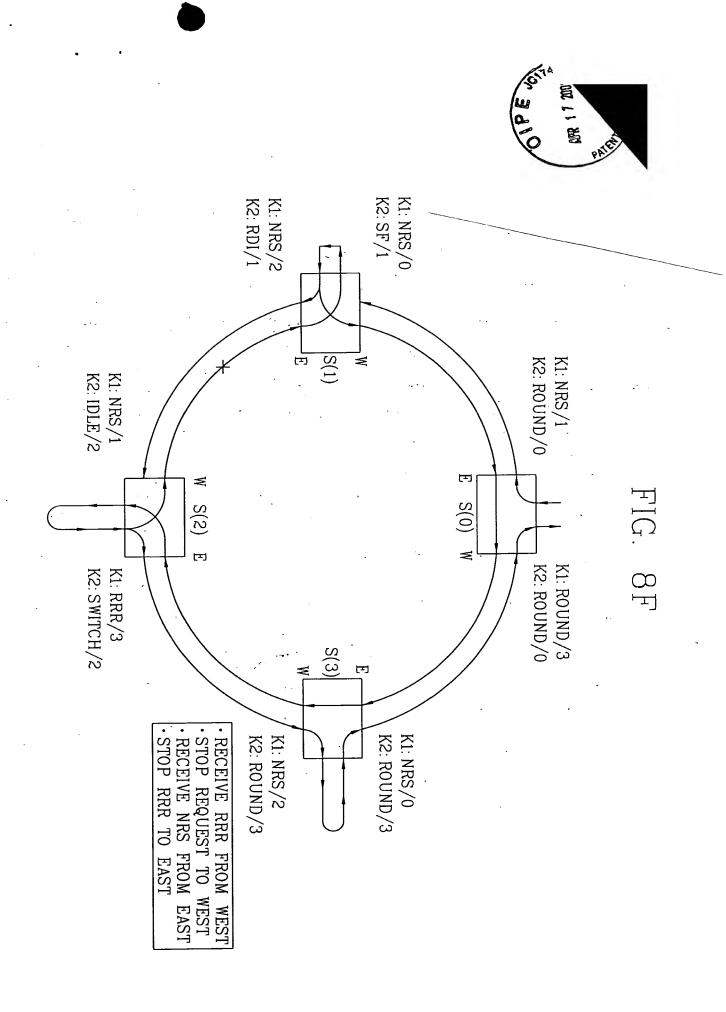


FIG. 8E





							** ***	n-e,
K1: NRS/2 K2: RDI/1	K1: NRS/1 K2: SWITCHED/1		PROTECTION K1: NRS/1 K2: SWITC	K1: NRS/2 PH K2: RDI/1	K1: NRS/2 K2: IDLE/1	K1: NRS/1 K2: IDLE/2	S(2)	
	1		RS/1 VITCHED/2	ROTECTION	SIGNAL		S(1)	
K1: NRS/1 K2: ROUNDED/0	K1: NRS/0 K2: SF/0		TION K1: NRS/1 K2: SWITCHED/2 K2: ROUNDED/0	PROTECTION K2: SF/1	K1: NRS/1 K2: IDLE/0	K1: NRS/0 K2: IDLE/2	1)	
			PROTECTION D/0				S(FIG.
K1: NRS/0 K2: ROUNDED/3	K1: NRS/3 K2: ROUNDED/3	K1: RRR/0 K2: ROUNDED/3	K1: ROUND/3 K2: ROUNDED/0		K1: NRS/0 K2: IDLE/3	K1: NRS/3 K2: IDLE/0	S(0) (3	
K1: NRS/3 K2: SWITCHED/2	K1: NRS/2 K2: ROUNDED/2	PROTECTION	K1: ROUND/3 K1: NRS/3 K2: ROUNDED/0 K2: SWITCHED/2	·	K1: NRS/3 K2: IDLE/2	K1: NRS/2 K2: IDLE/3	(S3) 	·
							S(2)	